GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:227
ANSWERED ON:02.02.2017
Implementation of UJALA and SLNP
Adsul Shri Anandrao ;Ashok Kumar Shri K.;Birla Shri Om;Choudhary Col. (Retd) Sona Ram;Raut Shri Vinayak Bhaurao;Sahu Shri Chandu Lal

Will the Minister of POWER be pleased to state:

(a) whether the Union Government is implementing two programmes namely UJALA and Street Lighting National Programme (SLNP);

(b) if so, the salient features of these two programmes and the benefits likely to be accrued to the country as a result of implementation of these programmes;

(c) the names of the States where these programmes are presently being implemented and the achievements made in implementation of these two programmes in those states viz the number of households switched over to LED bulbs and the number of street lights replaced by LED lamps, State/UT-wise;

(d) the estimated quantum of energy saved as a result of implementation of these programmes in the country so far;

(e) the reasons for non-implementation of these programmes in other States and the steps being taken by the Union Government to implement these programmes in the entire country including the time frame for the same;

(f) whether the prices of LED bulbs have been consistently falling over the couple of years and if so, the details thereof; and

(g) whether the Union Government is strictly following the International Energy Agency''s global LED programme and if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (e) : Hon'ble Prime Minister of India launched the National LED programme on 5th January, 2015 called Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme (SLNP), which are being implemented by Energy Efficiency Services Limited (EESL), a joint venture company of four Public Sector Undertakings (PSUs) under Ministry of Power. EESL has developed an innovative business model in which the entire investment in these programme is made by EESL
and the investment is paid back over a time from energy savings. There is no element of Government of India subsidy in the scheme. EESL aggregates demand and e-procures LED bulbs to get price benefit of bulk procurement, which is passed on to the beneficiaries. The benefits likely to be accrued to the country as a result of implementation of these programmes are as follows:

	UJALA Programme	SLNP Programme
No. of LED bulbs distributed/street lights to be replaced in 3 years	77 crore	3.5 crore
Expected annual energy savings	100 billion KWh (Approx)	9 billion KWh (Approx)
Expected avoided capacity	20,000 MW (Approx)	1500 MW (Approx)
Estimated capital investment (excluding O&M cost) (Approx)	Rs. 8000 crore	Rs. 35,000 crore
Annual estimated GHG emission reductions (Approx)	80 million tonnes of CO2	6.2 million tonnes of CO2
Estimated quantum of energy saved so far as a result of implementation (billion KWh per year)	26.2	0.42

Participation in National LED programme by the States/UTs is voluntary. In order to encourage States/UTs join the programme, Ministry of Power has written to the States/UTs requesting them to participate in this programme. Names of the States/UTs where these programmes are presently being implemented and number of households switched over to LED bulbs and the number of street lights replaced is given in Annexure.

(f) : EESL aggregates the demand across country and procure LED bulbs in large quantity. The aggregation of demand and bulb procurement has resulted in reduction of approximately 88% in procurement prices of LED bulbs by EESL from Rs. 310/- to Rs. 38 (retail price reduced from Rs.550/- to Rs.65/-) during February, 2014 to January, 2017.

(g) : The UJALA and SLNP programme have been designed and implemented by EESL and has no connection with the international Energy Agency's global LED programme.

****